to account ſatisfactorily for the whole appearance; which I ſhould have looked upon as ſolved, could ſuch an one have been diſcerned in a right ſituation. But here I beg to refer myſelf to the judgment of this Society: only ſhall obſerve, the two gaps we ſaw were directly interpos'd between the ſun and their reſpective ſtreaks.

J. Short.

XXIV. *A Catalogue of the* Fifty Plants *from* Chelſea-Garden, *preſented to the* Royal Society, *by the worſhipful Company of Apothecaries for the Year* 1750, *purſuant to the Direction of Sir* Hans Sloane, *Baronet, Med. Reg. & Soc. Reg. nuper Præſes, by* John Wilmer, *M. D. clariſſ. Societat. Pharmaceut.* Lond. *Soc. Hort.* Chelſ. *Præfect. et Prælect. Botanic.*

Read May 2. 1758.

1401. A Butilon periplocæ acutiori folio, fructu ſtellato. Hort. Elt.

1402 Allium ſaxatile acori radice flore purpureo Bocc. Muſ.

1403 Androſace vulgaris latifolia annua Tourn. 123.

1404 Anemonoſpermos African. fol. & facie Taraxaci incanis Boerh.

1405 Aſter Tripolii flore C. B.

1406 Aſter cœruleus ſerotinus fruteſcens Tradeſcant.

1407

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1407 Balſamita fol. Agerati Vaill.
Santolina ſpinoſa fol. Agerati Boerh.
1408 Carduus albis maculis notatus exotico flore albo C. B. 381.
1409 Camara foliis ſubrotundis rugoſis flore cœruleo Houſt.
1410 Carduus Creticus Rapi folio Inſt. R. H.
1411 Cirſium tuberoſum Lactucæ capitulis ſpicatis Hort. Elt.
1412 Cnicus exiguus capite cancellato ſemine tomentoſo T. Inſt.
1413 Cnicus orientalis Atractylis lutea dictus altiſſimus T. Cor. 33.
1414 Cnicus orientalis Atractylidis folio flore Leucophæo T. Cor.
1415 Collinſonia Americana Urticæ foliis floribus ex albo purpur. Dillen.
1416 Corindum ampliore folio fructu majore T. 431.
1417 Corindum folio et fructu minori Tourn.
1418 Elichryſum African. fætidiſſim. calyce argenteo Tourn.
1419 Eryngium montanum Amethyſtinum capitulo majore palleſcente T. 327.
1420 Ferula fol. glauco ſemine lato oblongo quibuſdam Thapſia ferulacea C. B.
1421 Heſperis Leucoii folio non ſerrato ſiliqua quadrangula J. R. H. 223.
1422 Hieracium villoſum Sonchus lanatus Dalechampio dictum R.H. 231.
1423 Hieracium Alpinum Scorzoneræ folio Inſt. R. H. 1472.
1424 Horminum Napi folio Mor. Hort. Reg. Bleſſ.
1425 Jacea ſpinoſa alato caule capite lanuginoſo C. B. P.

1426

1426 Jacea anguſtifolia minor Virginiana tuberoſa radice Baniſter

1427 Jacea fol. candicantibus laciniatis caliculis non ſplendentibus

1428 Lychnidea Mariana elatior Alſines aquatic. foliis floribus in longam ſpicam denſe ſtipatis Pluk.

1429 Lychnis oriental. annua ſupina Antirrhini fol. fl. min. purp.

1430 Lychnis viſcoſa flore muſcoſo Ocimaſtri facie C. B. P.

1431 Marrubium album candidiſſimum et villoſum T. Cor.

1432 Martynia foliis ſerratis Lin. Hort. Cliff.

1433 Medica marina major ſpinoſa Park. Theat.

1434 Medicago Vulnerariæ facie Hiſpanica Inſt. R. H. 412.

1435 Mimoſa humilis fruteſcens et ſpinoſa ſiliquis conglobatis

1436 Moldavica Betonicæ fol. floribus majoribus cœruleis pendulis Am.

1437 Oryza Lobel. Icon. 31. Offic. 336.

1438 Plantago maxima Tartarica Gerberi

1439 Scolymus Chryſanthemus annuus A. R. Par. 111.

1440 Scorpioïdes Bupleuri fol. corniculis aſperis magis in ſe contortis et convolutis Mor. Hiſt.

1441 Sideritis Hiſpanica fruteſcens ſeu lignoſior I. R. H. 192.

1442 Sonchus Luſitanicus Aſplenii folio

1443 Stachys Lychnitis Cluſii

1444 Tithymal. arboreus altiſſimus fol. ſalicis caulibus rubentibus Boer.

1445 Trifolium globoſum repens C. B. P. 329
1446 Tordylium maximum Inſt. R. H. 320.
1447 Tragoſelinum maximum Auſtriacum foliis magis inciſis Boer.
1448 Valeriana Luſitanica latifolia annua laciniata Tourn. 132.
1449 Verbena tenuifolia C. B.
1450 Urtica racemifera maxima Sinarum foliis ſubtus argentea lanugine villoſis. Pluk. Almag. 212.

XXV. *Some Obſervations upon the Sex of Flowers by* W. Watſon, *F. R. S. occaſioned by a Letter upon the ſame Subject, by Mr.* Mylius *of* Berlin.

Extract of Mr. Mylius's *Letter to Mr.* Watſon, *dated at* Berlin, Feb. 20, 1750-51.

Read May 2. 1751. "THE ſex of plants is very well confirmed by an experiment, "that has been made here on the *palma major* "*foliis flabelliformibus.* There is a great tree of this "kind in the garden of the royal academy. It has "flower'd and bore fruit theſe thirty years; but the "fruit never ripen'd; and when planted, it did not "vegetate. The palm-tree, as you know, is a *planta* "*dioecia*; that is, one of thoſe, in which the male "and female parts of generation are upon different "plants. We having therefore no male plant, the